

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	54	(print\$2 adj circuit adj board) and (phase adj shift\$2) and wiper and (antenna or panel antenna)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/05 09:19
S2	1	("6573875").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/05 11:06
S3	1	("6987487").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/05 09:21
S4	3	("4053895"   "4684952"   "4777490").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/09 07:21
S5	679	342/372.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/09 08:37
S6	43845	(print43 adj4 board adj4 circuit) or PCB	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/09 08:45
S7	13	S5 and S6	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/09 08:39
S8	475	333/161.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/09 08:42
S9	3	(panel adj4 antenna) with ( variable adj4 phase adj4 shift\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/09 08:46
S10	4263	( variable adj4 phase adj4 shift\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/09 08:47
S11	45	S6 and S10	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/09 08:46
S12	133864	( phase adj4 shift\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/09 08:47
S13	1587	S6 and S12	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/09 08:48
S14	624	S6 and S12 and antenna	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/09 08:48
S15	12	S6 and S12 and antenna and wiper	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/09 08:49

## EAST Search History

S16	97	S6 and antenna and wiper	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/09 08:50
S17	311	S12 and antenna and wiper	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/09 08:50
S18	482	343/757.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/09 12:06
S19	6	343/757.ccls. and wiper	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/09 12:07
S20	5	343/853.ccls. and wiper	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/09 12:08
S21	4	333/161.ccls. and wiper	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/09 12:08
S22	4	333/156.ccls. and wiper	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/09 12:09
S23	2	333/26.ccls. and wiper	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/09 12:09
S24	0	333/118.ccls. and wiper	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/09 12:09
S25	4	333/117.ccls. and wiper	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/09 12:10
S26	3	343/797.ccls. and wiper	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/09 12:10
S27	434	"342"/.ccls. and wiper	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/09 12:11
S28	110	"342"/.ccls. and wiper and (phas\$3 adj4 shift\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/09 12:12
S29	59	"333"/.ccls. and wiper and (phas\$3 adj4 shift\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/09 12:13
S30	1816	wiper and (phas\$3 adj4 shift\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/09 12:14

## EAST Search History

S31	121	wiper and (phas\$3 adj4 shift\$3) and ((printed adj4 circuit adj4 board) or PCB)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/09 12:17
S32	4910	(phas\$3 adj4 shift\$3) and ((printed adj4 circuit adj4 board) or PCB)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/09 12:17
S33	152	(phas\$3 adj4 shift\$3) with ((printed adj4 circuit adj4 board) or PCB)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/09 12:20
S34	393	(phas\$3 adj4 shift\$3) same ((printed adj4 circuit adj4 board) or PCB)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/09 12:20
S35	85	(phas\$3 adj4 shift\$3) same ((printed adj4 circuit adj4 board) or PCB) and trace	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/09 12:22
S36	475	333/161.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/09 12:22
S37	42	333/161.ccls. and trace	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/09 12:27
S38	475	333/161.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/09 12:27

## EAST Search History

S39	152	("1764441"   "1806755"   "20020113750"   "20020126059"   "20030048230"   "2245660"   "2247666"   "2248335"   "2272431"   "2300576"   "2462881"   "2496920"   "2535850"   "2565334"   "2566897"   "2583747"   "2594115"   "2597424"   "2599048"   "2605413"   "2642567"   "2648000"   "2668920"   "2711527"   "2736854"   "2745994"   "2787169"   "2789190"   "2794162"   "2797374"   "2815501"   "2825240"   "2830292"   "2831169"   "2851620"   "2861235"   "2872631"   "2900154"   "2922941"   "2939335"   "3005985"   "3008140"   "3043998"   "3205419"   "3248736"   "3276018"   "3277481"   "3316469"   "3438035"   "3491363"   "3508274"   "3527993"   "3728733"   "3826964"   "3864689"   "3886559"   "3886560"   "4077000"   "4101902"   "4163235"   "4263539"   "4301397"   "4314250"   "4316195"   "4335388"   "4413263"   "4460897"   "4467328"   "4496890"   "4542326"   "4543583"   "4617572"   "4694773"   "4796032"   "4862179"   "4882587"   "5012256"   "5021798"   "5038148"   "5077560"   "5084708"   "5093923"   "5099247"   "5151704"   "5151706"   "5175556"   "5241319"   "5272477"   "5281975"   "5300935"   "5303240"   "5339083"   "5504466"   "5504937"   "5539413"   "5572219"   "5596329"   "5917455"   "6239744"   "6538619"   "6567051"   "6590546"   "6600457").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/09 12:29
S40	9	("3110030"   "3193831"   "4203118"   "4788515"   "5187455"   "5281974"   "5617103").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/09 12:29
S41	24	("5917455").URPN.	USPAT	OR	OFF	2007/01/09 12:30
S42	2	("3205419").URPN.	USPAT	OR	OFF	2007/01/09 12:40
S43	3	("2939335").URPN.	USPAT	OR	OFF	2007/01/09 12:43
S44	62	(variable adj4 beam adj4 antenna)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/09 12:43
S45	0	("H001034").URPN.	USPAT	OR	OFF	2007/01/09 12:45

## EAST Search History

S46	0	("2519773").URPN.	USPAT	OR	OFF	2007/01/09 12:45
S47	0	("2519773").URPN.	USPAT	OR	OFF	2007/01/09 12:47
S48	267	343/792.5.ccls.	USPAT	OR	OFF	2007/01/09 12:47
S49	387	343/792.5.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/09 12:50
S50	839	343/795.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/09 12:50
S51	0	343/795.ccls. and wiper	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/09 12:51
S52	111	343/795.ccls. and (phase adj4 shift\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/09 12:51
S53	15	01/13459	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/09 13:06
S54	1	("6850130").PN.	USPAT; USOCR	OR	OFF	2007/01/09 13:46
S55	0	96/37009	FPRS	OR	OFF	2007/01/09 13:46
S56	0	WO96/37009	FPRS	OR	OFF	2007/01/09 13:46

## EAST Search History

S57	152	("1764441"   "1806755"   "20020113750"   "20020126059"   "20030048230"   "2245660"   "2247666"   "2248335"   "2272431"   "2300576"   "2462881"   "2496920"   "2535850"   "2565334"   "2566897"   "2583747"   "2594115"   "2597424"   "2599048"   "2605413"   "2642567"   "2648000"   "2668920"   "2711527"   "2736854"   "2745994"   "2787169"   "2789190"   "2794162"   "2797374"   "2815501"   "2825240"   "2830292"   "2831169"   "2851620"   "2861235"   "2872631"   "2900154"   "2922941"   "2939335"   "3005985"   "3008140"   "3043998"   "3205419"   "3248736"   "3276018"   "3277481"   "3316469"   "3438035"   "3491363"   "3508274"   "3527993"   "3728733"   "3826964"   "3864689"   "3886559"   "3886560"   "4077000"   "4101902"   "4163235"   "4263539"   "4301397"   "4314250"   "4316195"   "4335388"   "4413263"   "4460897"   "4467328"   "4496890"   "4542326"   "4543583"   "4617572"   "4694773"   "4796032"   "4862179"   "4882587"   "5012256"   "5021798"   "5038148"   "5077560"   "5084708"   "5093923"   "5099247"   "5151704"   "5151706"   "5175556"   "5241319"   "5272477"   "5281975"   "5300935"   "5303240"   "5339083"   "5504466"   "5504937"   "5539413"   "5572219"   "5596329"   "5917455"   "6239744"   "6538619"   "6567051"   "6590546"   "6600457").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/09 13:49
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## EAST Search History

S58	152	("1764441"   "1806755"   "20020113750"   "20020126059"   "20030048230"   "2245660"   "2247666"   "2248335"   "2272431"   "2300576"   "2462881"   "2496920"   "2535850"   "2565334"   "2566897"   "2583747"   "2594115"   "2597424"   "2599048"   "2605413"   "2642567"   "2648000"   "2668920"   "2711527"   "2736854"   "2745994"   "2787169"   "2789190"   "2794162"   "2797374"   "2815501"   "2825240"   "2830292"   "2831169"   "2851620"   "2861235"   "2872631"   "2900154"   "2922941"   "2939335"   "3005985"   "3008140"   "3043998"   "3205419"   "3248736"   "3276018"   "3277481"   "3316469"   "3438035"   "3491363"   "3508274"   "3527993"   "3728733"   "3826964"   "3864689"   "3886559"   "3886560"   "4077000"   "4101902"   "4163235"   "4263539"   "4301397"   "4314250"   "4316195"   "4335388"   "4413263"   "4460897"   "4467328"   "4496890"   "4542326"   "4543583"   "4617572"   "4694773"   "4796032"   "4862179"   "4882587"   "5012256"   "5021798"   "5038148"   "5077560"   "5084708"   "5093923"   "5099247"   "5151704"   "5151706"   "5175556"   "5241319"   "5272477"   "5281975"   "5300935"   "5303240"   "5339083"   "5504466"   "5504937"   "5539413"   "5572219"   "5596329"   "5917455"   "6239744"   "6538619"   "6567051"   "6590546"   "6600457").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/09 15:22
S59	0	(2003/0076198).CCLS.	USPAT; USOCR	OR	OFF	2007/01/09 15:22
S60	1	("20030076198").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/10 08:22
S61	1	("6850130").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/10 08:22